

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/581,228
Source: IFWP
Date Processed by STIC: 6/9/06

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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/581,228

DATE: 06/09/2006

TIME: 10:39:52

Input Set : A:\140140417U2.SEQ.TXT

Output Set: N:\CRF4\06092006\J581228.raw

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4 <110> APPLICANT: John A. Chiorini
5      Michael Schmidt
6      Ioannis Bossis
7      Di Giovanni Pasquale
9 <120> TITLE OF INVENTION: Bovine Adeno-Associated Viral (BAAV)
10     Vector and Uses Thereof
12 <130> FILE REFERENCE: 14014.0417U2
C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/581,228
C--> 14 <141> CURRENT FILING DATE: 2006-06-02
14 <150> PRIOR APPLICATION NUMBER: PCT/US04/40825
15 <151> PRIOR FILING DATE: 2004-12-06
17 <150> PRIOR APPLICATION NUMBER: 60/526,786
18 <151> PRIOR FILING DATE: 2003-12-04
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Output Set: N:\CRF4\06092006\J581228.raw

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171      35      40      45
172 Glu Gln Pro Gln Leu Thr Val Ala Asp Arg Ile Arg Arg Val Phe Leu
173      50      55      60
174 Tyr Glu Trp Asn Lys Phe Ser Lys Gln Glu Ser Lys Phe Phe Val Gln
175 65      70      75      80
176 Phe Glu Lys Gly Ser Glu Tyr Phe His Leu His Thr Leu Val Glu Thr
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179      100     105     110
180 Ala Gln Leu Val Lys Val Val Phe Gln Asn Ile Glu Pro Arg Ile Asn
181      115     120     125
182 Asp Trp Val Ala Ile Thr Lys Val Lys Lys Gly Gly Ala Asn Lys Val
183      130     135     140
184 Val Asp Ser Gly Tyr Ile Pro Ala Tyr Leu Leu Pro Lys Val Gln Pro
185 145     150     155     160
186 Glu Leu Gln Trp Ala Trp Thr Asn Leu Glu Glu Tyr Lys Leu Ala Ala
187      165     170     175
188 Leu Asn Leu Glu Glu Arg Lys Arg Leu Val Ala Gln Phe Gln Leu Glu
189      180     185     190
190 Ser Ser Gln Arg Ser Gln Glu Ala Ser Ser Gln Arg Asp Val Ser Ala
191      195     200     205
192 Asp Pro Val Ile Lys Ser Lys Thr Ser Gln Lys Tyr Met Ala Leu Val
193      210     215     220
194 Ser Trp Leu Val Glu His Gly Ile Thr Ser Glu Lys Gln Trp Ile Gln
195 225     230     235     240
196 Glu Asn Gln Glu Ser Tyr Leu Ser Phe Asn Ser Thr Gly Asn Ser Arg
197      245     250     255
198 Ser Gln Ile Lys Ala Ala Leu Asp Asn Ala Ser Lys Ile Met Ser Leu
199      260     265     270
200 Thr Lys Ser Ala Ser Asp Tyr Leu Val Gly Gln Thr Val Pro Glu Asp
201      275     280     285
202 Ile Ser Glu Asn Arg Ile Trp Gln Ile Phe Asp Leu Asn Gly Tyr Asp
203      290     295     300
204 Pro Ala Tyr Ala Gly Ser Val Leu Tyr Gly Trp Cys Thr Arg Ala Phe
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213          370          375          380
214 Pro Ala Lys Ala Ile Leu Gly Gly Ser Arg Val Arg Val Asp Gln Lys
215 385          390          395          400
216 Cys Lys Ser Ser Val Gln Val Asp Ser Thr Pro Val Ile Ile Thr Ser
217          405          410          415
218 Asn Thr Asn Met Cys Val Val Val Asp Gly Asn Ser Thr Thr Phe Glu
219          420          425          430
220 His Gln Gln Pro Leu Glu Asp Arg Met Phe Arg Phe Glu Leu Met Arg
221          435          440          445
222 Arg Leu Pro Pro Asp Phe Gly Lys Ile Thr Lys Gln Glu Val Lys Asp
223          450          455          460
224 Phe Phe Ala Trp Ala Lys Val Asn Gln Val Pro Val Thr His Glu Phe
225 465          470          475          480
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227          485          490          495
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230 Lys Arg Ala Arg Leu Ser Val Val Pro Glu Thr Pro Arg Ser Ser Asp
231          515          520          525
232 Val Pro Val Glu Pro Ala Pro Leu Arg Pro Leu Asn Trp Ser Ser Arg
233          530          535          540
234 Tyr Glu Cys Arg Cys Asp Tyr His Ala Lys Phe Asp Ser Val Thr Gly
235 545          550          555          560
236 Glu Cys Asp Glu Cys Glu Tyr Leu Asn Arg Gly Lys Asn Gly Cys Ile
237          565          570          575
238 Phe His Asn Ala Thr His Cys Gln Ile Cys His Ala Val Pro Pro Trp
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L:14 M:270 C: Current Application Number differs, Replaced Current Application No

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date